

05-24-06

05:37pm

From-ROPE &amp; GRAY LLP

RECEIVED  
CENTRAL FAX CENTER

2125969325

T-991 P.01

F-292

MAY 24 2006

FORMAL

IN RE APPLICATION NUMBER: 09/924,272  
TRANSMITTAL COVER LETTER FOR FACSIMILE TRANSMISSION  
PLEASE DELIVER THE FOLLOWING PAGES TO:

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, Virginia 22313-1450  
Attention: Examiner Tuan A. Vu  
Art Unit 2193

FACSIMILE NUMBER: (571) 273-8300

THE SENDER IS:

Michael Chasan  
Registration Number 54,026  
FISH & NEAVE IP GROUP  
ROPE & GRAY LLP  
1251 Avenue of the Americas  
New York, New York 10020-1105  
Tel.: (212) 596-9000  
Fax.: (212) 596-9090

CLIENT/MATTER NO. 000174/0193CERTIFICATE OF FACSIMILE TRANSMISSION

I hereby certify that this paper is being facsimile  
transmitted to the U.S. Patent and Trademark Office on the date  
shown below.

May 24, 2006  
Date

Michael Chasan

TOTAL NUMBER OF PAGES, INCLUDING COVER SHEET: 22Isatta B. SmithDATE: May 24, 2006 FACSIMILE OPERATOR: \*\*\*\*\*

THIS COMMUNICATION IS INTENDED ONLY FOR THE USE OF THE ADDRESSEE AND MAY CONTAIN  
INFORMATION THAT IS PRIVILEGED AND CONFIDENTIAL. IF YOU ARE NOT THE INTENDED  
RECIPIENT, YOU ARE HEREBY NOTIFIED THAT THE UNAUTHORIZED DISSEMINATION OF THE  
COMMUNICATION IS STRICTLY PROHIBITED. IF YOU HAVE RECEIVED THIS COMMUNICATION IN  
ERROR, PLEASE NOTIFY US IMMEDIATELY BY TELEPHONE.

\*\*\*\*\*  
PLEASE ACKNOWLEDGE SAFE RECEIPT OF THIS TRANSMISSION BY SIGNING  
AND RETURNING THIS COVER SHEET TO US BY FACSIMILE.

WE ACKNOWLEDGE SAFE RECEIPT OF THIS TRANSMISSION

SIGNED: \_\_\_\_\_

DATE: \_\_\_\_\_

IF NOT, PLEASE CALL BACK AS SOON AS POSSIBLE  
PHONE (212) 596-9300 (ASK FOR "FAX OPERATOR")

RECEIVED  
CENTRAL FAX CENTER

MAY 24 2006

PATENTS  
174/193  
(A632)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

PATENT APPLICATION

Applicant : Paul Metzgen  
Application No. : 09/924,272 Confirmation No.: 4896  
Filed : August 7, 2001  
For : SOFTWARE-TO-HARDWARE COMPILER  
Art Unit : 2193  
Examiner : Tuan A. Vu

New York, New York 10020  
May 24, 2006

Mail Stop AMENDMENT  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, Virginia 22313-1450

TRANSMITTAL LETTER FOR  
SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Sir:

Transmitted herewith is a Supplemental Information  
Disclosure Statement in the above-identified patent  
application. This Statement is submitted:

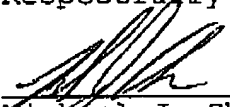
- [ ] within three months of the application filing date;
- [ ] more than three months from the application filing date but before the mailing date of the first Office Action on the merits.

[X] after the mailing date of the first Office Action, but before the mailing date of a Final Office Action, a Notice of Allowance, or an Office Action that otherwise closes prosecution.

In accordance with 37 C.F.R. § 1.97(c)(2), please charge the amount of \$180.00 in payment of the fee for submission of an Information Disclosure Statement to Deposit Account No. 06-1075, Order No. 000174.0193.

The Director is hereby authorized to charge payment of any additional fees required in connection with this Supplemental Information Disclosure Statement, or credit any overpayment of the same to Deposit Account No. 06-1075, Order No. 000174.0193. A duplicate copy of this letter is transmitted herewith.

Respectfully submitted,



---

Michael J. Chasan  
Reg. No. 54,026  
Agent for Applicant

FISH & NEAVE IP GROUP  
ROPES & GRAY LLP  
Customer No. 36981  
1251 Avenue of the Americas  
New York, New York 10020-1105  
Tel.: (212) 596-9000  
Fax: (212) 596-9090

RECEIVED  
CENTRAL FAX CENTER

MAY 24 2006

PATENTS  
174/193  
(A632)

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

## PATENT APPLICATION

Applicant : Paul Metzgen  
Application No. : 09/924,272 Confirmation No.: 4896  
Filed : August 7, 2001  
For : SOFTWARE-TO-HARDWARE COMPILER  
Art Unit : 2193  
Examiner : Tuan A. Vu

New York, New York 10020  
May 24, 2006

Mail Stop AMENDMENT  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, Virginia 22313-1450

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Sir:

Pursuant to 37 C.F.R. §§ 1.56 and 1.97, applicant hereby makes the following documents of record in the above-identified patent application:

U.S. PATENT DOCUMENTS

5,134,884	Anderson	08/04/1992
5,442,792	Chun	08/15/1995
5,469,003	Kean	11/21/1995
5,535,406	Kolchinsky	07/09/1996
5,705,938	Kean	01/06/1998
5,761,484	Agarwal et al.	06/02/1998
5,822,570	Lacey	10/13/1998
5,835,734	Alkalaj et al.	11/10/1998

U.S. PATENT DOCUMENTS

5,999,990	Sharrit et al.	12/07/1999
6,219,628	Kodosky et al.	04/17/2001
6,219,785	Smith	04/17/2001
6,282,627	Wong et al.	08/28/2001
6,421,809 B1	Wuytack et al.	07/16/2002
6,467,075 B1	Sato et al.	10/15/2002
6,658,564	Smith et al.	12/02/2003

U.S. PUBLISHED DOCUMENT

2002/0100032	Metzgen	07/05/2002
--------------	---------	------------

FOREIGN DOCUMENT

GB 1 444 084	Great Britain	07/28/1976
--------------	---------------	------------

OTHER DOCUMENT

Tsukasa Yamauchi et al., "SOP: A Reconfigurable Massively Parallel System and Its Control-Data-Flow based Compiling Method," NEC Laboratory, pp. 148-156, IEEE 1996.

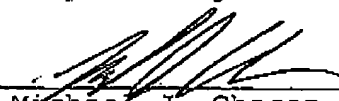
The aforementioned U.S. Patent Documents and U.S. Published Document, which are listed on the accompanying Form PTO/SB/08 (submitted in duplicate), fall under 37 C.F.R. § 1.98(a)(2)(ii) for which documents the requirement to provide copies is waived. Accordingly, no copies of the aforementioned U.S. Patent Documents and U.S. Published Document are provided. Copies of the "Foreign Document" and "Other Document" are enclosed herewith.

It is respectfully requested that the aforementioned documents be (1) fully considered by the U.S. Patent and Trademark Office during the examination of this application; and (2) printed on any patent which may issue on this

application. Applicant requests that a copy of the enclosed Form PTO/SB/08, as considered and initialed by the Examiner, be returned with the next communication.

An early and favorable action is respectfully requested.

Respectfully submitted,



---

Michael J. Chasan  
Registration No. 54,026  
Agent for Applicant

FISH & NEAVE IP GROUP  
ROPES & GRAY LLP  
Customer No. 36981  
1251 Avenue of the Americas  
New York, New York 10020-1105  
(212) 596-9000

PTO/SB/08a/b (08-03)

Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/B/PTO			<b>Complete if Known</b>		
<b>SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>			Application Number	09/924,272	
			Filing Date	August 7, 2001 / Conf. No.: 4896	
			First Named Inventor	Paul Metzgen	
			Art Unit	2193	
			Examiner Name	Tuan A. Vu	
Sheet	1	of	1	Attorney Docket Number	174/193 (A632)

U.S. PATENT DOCUMENTS					
Examiner Initials <sup>4</sup>	Cite No. <sup>1</sup>	Document Number Number-Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		5,134,884	08/04/1992	Anderson	
		5,442,792	08/16/1995	Chun	
		5,469,003	11/21/1995	Kean	
		5,535,406	07/09/1996	Kolchinsky	
		5,705,938	01/06/1998	Kean	
		5,761,484	06/02/1998	Agarwal et al.	
		5,822,570	10/13/1998	Lacey	
		5,835,734	11/10/1998	Alkalaj et al.	
		5,999,990	12/07/1999	Sharrit et al.	
		6,219,628	04/17/2001	Kodosky et al.	
		6,219,785	04/17/2001	Smith	
		6,282,627	08/28/2001	Wong et al.	
		6,421,809 B1	07/16/2002	Wuytack et al.	
		6,467,075 B1	10/15/2002	Sato et al.	

U.S. PUBLISHED DOCUMENT					
Examiner Initials <sup>4</sup>	Cite No. <sup>1</sup>	Document Number Number-Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		2002/0124238	09/05/2002	Metzgen	

FOREIGN PATENT DOCUMENTS					
Examiner Initials <sup>4</sup>	Cite No. <sup>1</sup>	Foreign Patent Document Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		GB 1 444 084	07/28/1976	Great Britain	

NON PATENT LITERATURE DOCUMENTS				
Examiner Initials <sup>4</sup>	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.		
		Tsukasa Yamauchi et al., "SOP: A Reconfigurable Massively Parallel System and Its Control-Data-Flow based Compiling Method," NEC Laboratory, pp. 148-156, IEEE 1996.		

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 809. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kind Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

Examiner Signature	Date Considered
--------------------	-----------------

MAY 24 2006

PTO/SB/08a/b (08-03)

Approved for use through 07/31/2008. OMB 0651-0031  
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/B/PTO				<b>Complete If Known</b>	
<b>SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>				Application Number	09/924,272
				Filing Date	August 7, 2001 / Conf. No.: 4896
				First Named Inventor	Paul Metzgen
				Art Unit	2193
				Examiner Name	Tuan A. Vu
Sheet	1	of	1	Attorney Docket Number	174/193 (A632)

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number Number-Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		5,134,884	08/04/1992	Anderson	
		5,442,782	08/15/1995	Chun	
		5,469,003	11/21/1995	Kean	
		5,535,406	07/09/1996	Kolchinsky	
		5,705,938	01/06/1998	Kean	
		5,761,484	06/02/1998	Agarwal et al.	
		5,822,570	10/13/1998	Lacey	
		5,835,734	11/10/1998	Alkalaj et al.	
		5,999,990	12/07/1999	Sharrit et al.	
		6,219,628	04/17/2001	Kodosky et al.	
		6,219,785	04/17/2001	Smith	
		6,282,627	08/28/2001	Wong et al.	
		6,421,809 B1	07/16/2002	Wuytack et al.	
		6,467,075 B1	10/15/2002	Sato et al.	

U.S. PUBLISHED DOCUMENT					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number Number-Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		2002/0124238	09/05/2002	Metzgen	

FOREIGN PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document Country Code <sup>3</sup> Number-Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		GB 1 444 084	07/28/1976	Great Britain	

NON PATENT LITERATURE DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.			
		Tsukasa Yamauchi et al., "SOP: A Reconfigurable Massively Parallel System and Its Control-Data-Flow based Compiling Method," NEC Laboratory, pp. 148-156, IEEE 1996.			

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.18 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

Examiner Signature	Date Considered
--------------------	-----------------